

## PCT REQUEST

P11360-PCT

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<b>0</b>	<b>For receiving Office use only</b>	
<b>0-1</b>	International Application No.	
<b>0-2</b>	International Filing Date	
<b>0-3</b>	Name of receiving Office and "PCT International Application"	
<b>0-4</b>	<b>Form - PCT/RO/101 PCT Request</b>	
<b>0-4-1</b>	Prepared using	<b>PCT-EASY Version 2.92 (updated 01.10.2002)</b>
<b>0-5</b>	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
<b>0-6</b>	<b>Receiving Office (specified by the applicant)</b>	<b>Korean Intellectual Property Office (RO/KR)</b>
<b>0-7</b>	<b>Applicant's or agent's file reference</b>	<b>P11360-PCT</b>
<b>I</b>	<b>Title of invention</b>	<b>MBMS PtP and PtM channel Change</b>
<b>II</b>	<b>Applicant</b>	
<b>II-1</b>	This person is:	<b>applicant only</b>
<b>II-2</b>	Applicant for	<b>all designated States except US</b>
<b>II-4</b>	Name	<b>SAMSUNG ELECTRONICS CO., LTD.</b>
<b>II-5</b>	Address:	<b>416, Maetan-dong, Paldal-gu, Suwon-shi 442-370 Kyungki-do Republic of Korea</b>
<b>II-6</b>	State of nationality	<b>KR</b>
<b>II-7</b>	State of residence	<b>KR</b>
<b>II-8</b>	Telephone No.	<b>82-31-279-5041</b>
<b>II-9</b>	Facsimile No.	<b>82-31-279-6974</b>
<b>II-10</b>	e-mail	<b>xhpark@samsung.com</b>
<b>III-1</b>	<b>Applicant and/or inventor</b>	
<b>III-1-1</b>	This person is:	<b>applicant only</b>
<b>III-1-2</b>	Applicant for	<b>all designated States except US</b>
<b>III-1-4</b>	Name	<b>Beijing Samsung Telecom R&amp;D Center</b>
<b>III-1-5</b>	Address:	<b>4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China</b>
<b>III-1-6</b>	State of nationality	<b>CN</b>
<b>III-1-7</b>	State of residence	<b>CN</b>

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III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	WANG, Hong
III-2-5	Address:	4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China
III-2-6	State of nationality	CN
III-2-7	State of residence	CN
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	LI, Detao
III-3-5	Address:	4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China
III-3-6	State of nationality	CN
III-3-7	State of residence	CN
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	SUN, Chunying
III-4-5	Address:	4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China
III-4-6	State of nationality	CN
III-4-7	State of residence	CN
III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	LI, Xiaoqiang
III-5-5	Address:	4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China
III-5-6	State of nationality	CN
III-5-7	State of residence	CN

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IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
IV-1-1	Name (LAST, First)	<b>LEE, Keon-Joo</b>
IV-1-2	Address:	<b>Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu 110-524 Seoul Republic of Korea</b>
IV-1-3	Telephone No.	<b>82-2-744-0305</b>
IV-1-4	Facsimile No.	<b>82-2-743-5247</b>
IV-1-5	e-mail	<b>kjlp@leepat.co.kr</b>
V	<b>Designation of States</b>	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</b>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>DE GB JP KR US</b>
V-5	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>
VI-1	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	<b>16 August 2002 (16.08.2002)</b>
VI-1-2	Number	<b>02130570.6</b>
VI-1-3	Country	<b>CN</b>
VII-1	<b>International Searching Authority Chosen</b>	<b>Korean Intellectual Property Office (KIPO) (ISA/KR)</b>

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<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	—	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	—	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	—	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	—	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	—	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	5	—
IX-2	Description	20	—
IX-3	Claims	5	—
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	9	—
IX-7	TOTAL	40	
	<b>Accompanying items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	—
IX-9	Original separate power of attorney	✓	—
IX-11	Copy of general power of attorney	✓	—
IX-13	Priority document(s)	Item(s) VI-1	—
IX-17	PCT-EASY diskette	—	Diskette
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	LEE, Keon-Joo	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR

**PCT REQUEST**

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10-6	Transmittal of search copy delayed until search fee is paid	
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**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>		
<b>0-1</b>	International Application No.		
<b>0-2</b>	Date stamp of the receiving Office		
<b>0-4</b>	<b>Form - PCT/RO/101 (Annex)</b>		
<b>0-4-1</b>	PCT Fee Calculation Sheet Prepared using	<b>PCT-EASY Version 2.92 (updated 01.10.2002)</b>	
<b>0-9</b>	Applicant's or agent's file reference	<b>P11360-PCT</b>	
<b>2</b>	Applicant	<b>SAMSUNG ELECTRONICS CO., LTD., et al.</b>	
<b>12</b>	<b>Calculation of prescribed fees</b>	fee amount/multiplier	Total amounts (KRW)
<b>12-1</b>	Transmittal fee <b>T</b>	⇒	<b>45,000</b>
<b>12-2-1</b>	Search fee <b>S</b>	⇒	<b>150,000</b>
<b>12-2-2</b>	International search to be carried out by	<b>KR</b>	
<b>12-3</b>	International fee		
	Basic fee (first 30 sheets) <b>b1</b>	<b>530,000</b>	
<b>12-4</b>	Remaining sheets	<b>10</b>	
<b>12-5</b>	Additional amount <b>(X)</b>	<b>12,000</b>	
<b>12-6</b>	Total additional amount <b>b2</b>	<b>120,000</b>	
<b>12-7</b>	<b>b1 + b2 = B</b>	<b>650,000</b>	
<b>12-8</b>	Designation fees		
	Number of designations contained in international application	<b>6</b>	
<b>12-9</b>	Number of designation fees payable (maximum 5)	<b>5</b>	
<b>12-10</b>	Amount of designation fee <b>(X)</b>	<b>114,000</b>	
<b>12-11</b>	Total designation fees <b>D</b>	<b>570,000</b>	
<b>12-12</b>	PCT-EASY fee reduction <b>R</b>	<b>-163,000</b>	
<b>12-13</b>	Total International fee (B+D-R) <b>I</b>	⇒	<b>1,057,000</b>
<b>12-17</b>	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	⇒	<b>1,252,000</b>
<b>12-19</b>	Mode of payment	<b>cash</b>	

**VALIDATION LOG AND REMARKS**

<b>13-2-1</b>	Validation messages Request	<b>Green?</b> <b>The title of the invention should preferably be entered in capital letters. Please verify.</b>
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## PCT (ANNEX - FEE CALCULATION SHEET)

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13-2-2	Validation messages States	<p>Green?</p> <p>More designations could be made. The following States have not been designated: AP:( GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW); EA:( AM, AZ, BY, KG, KZ, MD, RU, TJ, TM); OA:( BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG); AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, LI, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW. Please verify.</p>
13-2-3	Validation messages Names	<p>Green?</p> <p>Applicant 2.: Name should preferably be entered in capital letters. Please verify.</p>
13-2-7	Validation messages Contents	<p>Green?</p> <p>Reference number for attached copy of general power of attorney not indicated.</p>
13-2-8	Validation messages Fees	<p>Green?</p> <p>Please confirm that fee schedule utilized is the latest available</p>
13-2-1 1	Validation messages For receiving Office/International Bureau use only	<p>Green?</p> <p>Verify electronic data for consistency against printed form.</p>